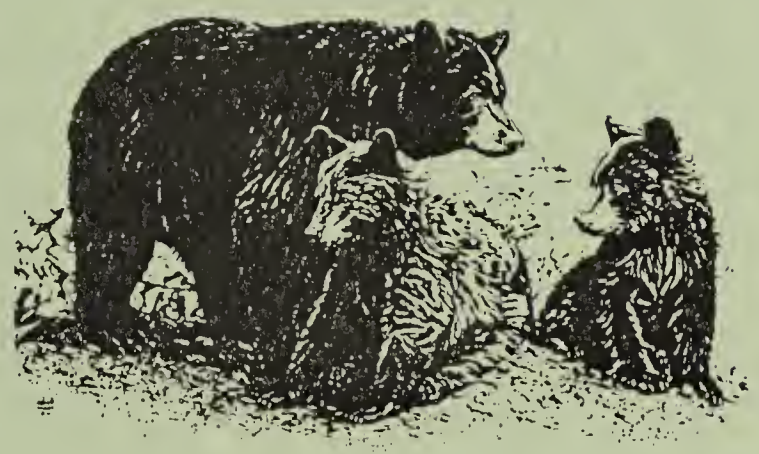
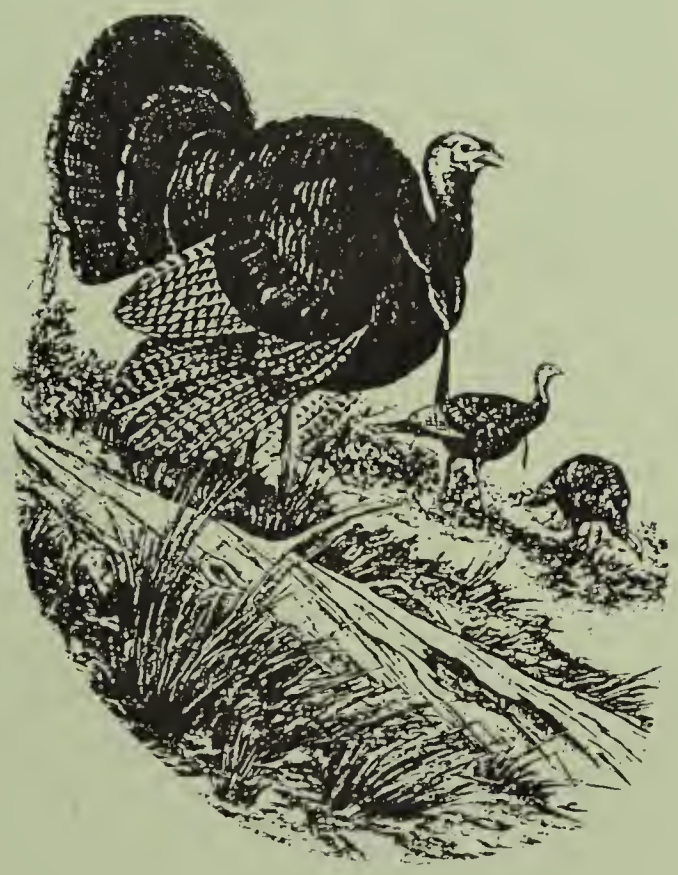
1988
MONTANA

HUNTING & HARVEST STATISTICS FOR:

ARCHERY
BLACK BEAR
FALCONRY
TURKEY





Montana State Library
3 0864 1006 9526 4

ARCHERY HUNTING, HARVEST & ANTLER STATISTICS

PREFACE

Survey Approach

Resident and nonresident archery permit holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via mail survey for nonresidents.

Definitions

TOTAL HUNTERS.....The number of hunters who hunted one or more days
HUNTER DAYS.....Sum of whole days or portions of days hunted
PERCENT SUCCESS.....The number of successful hunters divided by the total number of hunters and multiplied by 100
TOTAL KILL.....Estimated total kill for all age/sex classes

Explanations

The archery hunting and harvest statistics are estimates made from a sample of 2,271 questionnaires representing about 12% of the 19,749 archery permit holders. Due to the small sample size, estimates are reported only at the regional and state level. Number of hunters and hunter days represent deer hunters and are the same for mule deer and whitetail deer. Percent success for mule deer and whitetail are separate estimates and were calculated as mule deer or whitetail deer kill divided by total deer hunters and multiplied by 100.

The antler statistics for mule deer, whitetail deer, and elk are actual frequencies within the sample and are not expanded estimates.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988 ARCHERY HUNTING AND HARVEST REPORT

AUGUST 4, 1989

1988 ARCHERY MULE DEER REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1409	9209	4	35	26	0	0	61
REGION 2	3026	30411	8	139	96	0	0	235
REGION 3	3061	22462	14	209	209	0	9	426
REGION 4	2200	14192	10	104	113	17	0	235
REGION 5	704	4826	4	9	9	9	0	26
REGION 6	435	3748	6	9	17	0	0	26
REGION 7	409	3061	2	9	0	0	0	9
UNKNOWN	70	417	0	0	0	0	0	0
STATE	11279	88118	9	513	470	26	9	1017

1988 ARCHERY WHITETAIL REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1409	9209	12	87	104	0	0	191
REGION 2	3026	30411	14	191	226	17	0	435
REGION 3	3061	22462	4	78	43	9	0	130
REGION 4	2200	14192	6	61	52	0	0	113
REGION 5	704	4826	11	61	26	0	0	87
REGION 6	435	3748	20	52	26	9	0	87
REGION 7	409	3061	15	35	17	0	0	52
UNKNOWN	70	417	25	17	0	0	0	17
STATE	11279	88118	10	574	496	35	0	1104

1988 ARCHERY ELK REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1452	10705	2	17	9	9	0	35
REGION 2	3218	26193	8	191	52	0	0	243
REGION 3	3957	29523	6	139	96	17	0	252
REGION 4	2435	15523	8	122	35	35	0	191
REGION 5	496	2722	7	0	26	0	0	26
REGION 6	644	4722	9	26	35	0	0	61
REGION 7	113	809	8	0	9	0	0	9
UNKNOWN	70	348	0	0	0	0	0	0
STATE	12349	90371	7	496	261	61	0	817

1988 ARCHERY ANTELOPE REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 2	9	9	0	0	0	0	0	0
REGION 3	61	513	14	9	0	0	0	9
REGION 4	113	374	23	9	9	0	0	17
REGION 5	122	504	43	52	9	0	0	61
REGION 6	122	791	14	17	0	0	0	17
REGION 7	200	809	30	43	17	0	0	61
UNKNOWN	17	130	0	0	0	0	0	0
STATE	644	3131	26	130	35	0	0	165

1988 ARCHERY BEAR REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	157	1809	0	0	0	0	0	0
REGION 2	183	1678	14	17	9	0	0	26
REGION 3	270	1939	16	9	35	0	0	43
REGION 4	113	574	8	0	0	9	0	9
REGION 5	0	0	0	0	0	0	0	0
REGION 6	0	0	0	0	0	0	0	0
REGION 7	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0
STATE	722	6000	11	26	43	9	0	78

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988 ARCHERY MULE DEER ANTLER STATISTICS

AUGUST 8, 1989

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	2	50.0
3 X 3	1	25.0
5 X 5	1	25.0
TOTAL	4	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	3	18.8
2 X 1	1	6.3
2 X 2	6	37.5
3 X 3	1	6.3
4 X 3	1	6.3
4 X 4	3	18.8
9 X 7	1	6.3
TOTAL	16	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	3.8
2 X 2	10	38.5
3 X 2	2	7.7
3 X 3	9	34.6
4 X 4	2	7.7
5 X 4	1	3.8
6 X 6	1	3.8
TOTAL	26	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	9.1
2 X 2	2	18.2
3 X 3	2	18.2
4 X 3	1	9.1
4 X 4	3	27.3
5 X 4	1	9.1
6 X 5	1	9.1
TOTAL	11	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	1	100.0
TOTAL	1	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	1	100.0
TOTAL	1	

1988 ARCHERY MULE DEER ANTLER STATISTICS

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	100.0
TOTAL	1	

1988 ARCHERY MULE DEER ANTLER STATISTICS

STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	5	8.3
2 X 1	1	1.7
2 X 2	20	33.3
3 X 2	2	3.3
3 X 3	15	25.0
4 X 3	2	3.3
4 X 4	8	13.3
5 X 4	2	3.3
5 X 5	2	3.3
6 X 5	1	1.7
6 X 6	1	1.7
9 X 7	1	1.7
TOTAL	60	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

AUGUST 8, 1989

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
2 X 1	1	10.0
3 X 1	1	10.0
3 X 3	1	10.0
4 X 3	1	10.0
4 X 4	4	40.0
5 X 3	1	10.0
5 X 5	1	10.0
TOTAL	10	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	5.0
2 X 2	5	25.0
3 X 3	7	35.0
4 X 3	1	5.0
4 X 4	5	25.0
5 X 5	1	5.0
TOTAL	20	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	11.1
3 X 3	1	11.1
4 X 4	4	44.4
5 X 5	3	33.3
TOTAL	9	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	2	33.3
4 X 4	3	50.0
5 X 5	1	16.7
TOTAL	6	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	2	28.6
4 X 4	3	42.9
5 X 4	1	14.3
5 X 5	1	14.3
TOTAL	7	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	16.7
3 X 3	2	33.3
4 X 4	2	33.3
5 X 5	1	16.7
TOTAL	6	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	2	50.0
4 X 4	2	50.0
TOTAL	4	

1988 ARCHERY WHITETAIL DEER ANTLER STATISTICS

STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	1.6
2 X 1	1	1.6
2 X 2	8	12.7
3 X 1	1	1.6
3 X 3	17	27.0
4 X 3	2	3.2
4 X 4	23	36.5
5 X 3	1	1.6
5 X 4	1	1.6
5 X 5	8	12.7
TOTAL	63	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988 ARCHERY ELK ANTLER STATISTICS

AUGUST 8, 1989

1988 ARCHERY ELK ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
4 X 4	1	50.0
6 X 5	1	50.0
TOTAL	2	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	3	14.3
2 X 2	1	4.8
4 X 4	1	4.8
5 X 5	3	14.3
6 X 5	4	19.0
6 X 6	6	28.6
7 X 6	1	4.8
7 X 7	2	9.5
TOTAL	21	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	6.3
2 X 1	1	6.3
2 X 2	2	12.5
3 X 3	1	6.3
4 X 4	1	6.3
5 X 5	3	18.8
6 X 4	1	6.3
6 X 5	2	12.5
6 X 6	4	25.0
TOTAL	16	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	5	35.7
2 X 1	1	7.1
4 X 1	1	7.1
4 X 4	1	7.1
5 X 5	2	14.3
6 X 5	2	14.3
6 X 6	2	14.3
TOTAL	14	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
TOTAL	0	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
4 X 2	1	50.0
5 X 3	1	50.0
TOTAL	2	

1988 ARCHERY ELK ANTLER STATISTICS

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
TOTAL	0	

1988 ARCHERY ELK ANTLER STATISTICS

STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	9	16.4
2 X 1	2	3.6
2 X 2	3	5.5
3 X 3	1	1.8
4 X 1	1	1.8
4 X 2	1	1.8
4 X 4	4	7.3
5 X 3	1	1.8
5 X 5	8	14.5
6 X 4	1	1.8
6 X 5	9	16.4
6 X 6	12	21.8
7 X 6	1	1.8
7 X 7	2	3.6
TOTAL	55	

BLACK BEAR HUNTING & HARVEST STATISTICS

PREFACE

Survey Approach

Resident and nonresident black bear license holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

NUMBER ISSUED.....The total number of black bear (or combination licenses including bear) licenses issued
HUNTERS.....The number of hunters who hunted one or more days
HUNTER DAYS.....Sum of whole days or portions of days hunted
PERCENT SUCCESS.....The number of hunters who killed a bear divided by the total number of bear hunters and multiplied by 100
LOWER.....Lower confidence limit at a level of confidence of 80 percent
POINT.....The estimated value
UPPER.....Upper confidence limit at a level of confidence of 80 percent
BEAR LICENSE.....Indicates separate bear license and Sportsman's license for resident hunters, and indicates only separate bear license for nonresidents
COMBINATION.....Indicates resident Sportsman's Combination License or nonresident B10 Big Game Combination License
UNKWN.....A symbol for unknown used to designate unknown sex
TOTAL HARVEST.....Estimated total kill for all age/sex classes
NO DATA.....Indicates resident Sportsman's license data are included in "BEAR LICENSE" category

Explanations

The black bear hunting and harvest statistics are estimates made from a sample of 6,831 questionnaires representing about 16% of the 41,805 black bear license holders. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

SPRING HUNTING SEASON OF 1988

JUNE 29, 1989

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	1671	1823	1975	7983	8307	8631	7
COMBINATION	0	NO DATA						
SUBTOTAL	23750	1671	1823	1975	7983	8307	8631	7
NONRESIDENTS								
BEAR LICENSE	1055	469	568	668	2351	2562	2773	20
COMBINATION	17000	109	136	163	668	730	793	16
SUBTOTAL	18055	578	704	830	3019	3292	3566	19
TOTAL	41805	2249	2527	2805	11002	11600	12197	11

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	9	122	0	90	130	171
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	9	122	0	90	130	171
NONRESIDENTS								
BEAR LICENSE	1055	0	23	93	0	71	116	161
COMBINATION	17000	0	13	8	0	11	21	32
SUBTOTAL	18055	0	36	101	0	82	137	193
TOTAL	41805	0	45	223	0	171	267	363

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	1141	1267	1394	6988	7292	7595	12
COMBINATION	0	NO DATA						
SUBTOTAL	23750	1141	1267	1394	6988	7292	7595	12
NONRESIDENTS								
BEAR LICENSE	1055	199	267	335	1017	1159	1301	17
COMBINATION	17000	24	38	52	120	149	177	22
SUBTOTAL	18055	222	305	387	1138	1308	1478	18
TOTAL	41805	1363	1572	1781	8126	8600	9073	13

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX ---- FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	35	113	0	104	148	191
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	35	113	0	104	148	191
NONRESIDENTS								
BEAR LICENSE	1055	0	12	35	0	18	46	75
COMBINATION	17000	0	4	4	0	2	8	15
SUBTOTAL	18055	0	16	39	0	20	55	90
TOTAL	41805	0	51	152	0	124	202	281

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	943	1059	1175	5477	5747	6016	12
COMBINATION	0	NO DATA						
SUBTOTAL	23750	943	1059	1175	5477	5747	6016	12
NONRESIDENTS								
BEAR LICENSE	1055	80	128	175	522	626	730	18
COMBINATION	17000	109	136	163	652	713	775	16
SUBTOTAL	18055	189	263	337	1173	1339	1505	17
TOTAL	41805	1133	1322	1512	6650	7086	7521	13

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	35	95	0	90	130	171
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	35	95	0	90	130	171
NONRESIDENTS								
BEAR LICENSE	1055	0	23	0	0	3	23	43
COMBINATION	17000	0	13	8	0	11	21	32
SUBTOTAL	18055	0	36	8	0	14	44	75
TOTAL	41805	0	71	104	0	103	175	246

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	568	660	751	2935	3134	3333	4
COMBINATION	0	NO DATA						
SUBTOTAL	23750	568	660	751	2935	3134	3333	4
NONRESIDENTS								
BEAR LICENSE	1055	18	46	75	249	325	400	0
COMBINATION	17000	38	55	72	261	301	342	38
SUBTOTAL	18055	56	102	147	511	626	741	21
TOTAL	41805	624	761	898	3446	3760	4074	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX ---- FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	9	17	0	8	26	44
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	9	17	0	8	26	44
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	4	17	0	11	21	32
SUBTOTAL	18055	0	4	17	0	11	21	32
TOTAL	41805	0	13	34	0	18	47	76

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	258	321	385	968	1085	1202	5
COMBINATION	0	NO DATA						
SUBTOTAL	23750	258	321	385	968	1085	1202	5
NONRESIDENTS								
BEAR LICENSE	1055	10	35	59	53	93	133	33
COMBINATION	17000	2	8	15	31	47	62	0
SUBTOTAL	18055	12	43	75	83	139	195	27
TOTAL	41805	270	364	459	1052	1225	1398	8

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER	
RESIDENTS								
BEAR LICENSE	23750	0	17	0	0	3	17	32
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	17	0	0	3	17	32
NONRESIDENTS								
BEAR LICENSE	1055	0	12	0	0	1	12	26
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18055	0	12	0	0	1	12	26
TOTAL	41805	0	29	0	0	4	29	58

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0

SPRING, 1988 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0

SPRING, 1988 BLACK BEAR HARVEST REPORT

DISTRICT XXX

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- HUNTERS ----- LOWER	POINT	UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	1	9	19	3	17	32	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	1	9	19	3	17	32	0
NONRESIDENTS								
BEAR LICENSE	1055	3	23	43	71	116	161	0
COMBINATION	17000	1	4	9	17	30	42	100
SUBTOTAL	18055	4	27	52	88	146	203	15
TOTAL	41805	5	36	71	91	163	235	12

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	------ AGE AND SEX ------- ---- FEMALE	MALE	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	4	0	1	4
SUBTOTAL	18055	0	0	4	0	1	4
TOTAL	41805	0	0	4	0	1	4

SPRING, 1988 BLACK BEAR HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- HUNTERS ----- LOWER	POINT	UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	4022	4253	4485	25013	25582	26150	11
COMBINATION	0	NO DATA						
SUBTOTAL	23750	4022	4253	4485	25013	25582	26150	11
NONRESIDENTS								
BEAR LICENSE	1055	660	777	893	4589	4881	5172	25
COMBINATION	17000	289	331	373	1868	1970	2073	23
SUBTOTAL	18055	950	1108	1266	6457	6851	7245	25
TOTAL	41805	4971	5361	5751	31470	32432	33395	14

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	------ AGE AND SEX ------- ---- FEMALE	MALE	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	23750	0	104	347	0	376	451	527
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	104	347	0	376	451	527
NONRESIDENTS								
BEAR LICENSE	1055	0	70	128	0	139	197	256
COMBINATION	17000	0	34	42	0	56	76	97
SUBTOTAL	18055	0	104	170	0	195	274	352
TOTAL	41805	0	208	517	0	571	725	879

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

FALL HUNTING SEASON OF 1988

JUNE 29, 1989

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	1555	1701	1848	11770	12161	12553	8
COMBINATION	0	NO DATA						
SUBTOTAL	23750	1555	1701	1848	11770	12161	12553	8
NONRESIDENTS								
BEAR LICENSE	1055	99	151	202	703	823	943	8
COMBINATION	17000	941	1015	1088	7399	7600	7801	3
SUBTOTAL	18055	1041	1165	1290	8102	8423	8744	4
TOTAL	41805	2595	2867	3138	19872	20584	21297	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	61	78	0	97	139	181
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	61	78	0	97	139	181
NONRESIDENTS								
BEAR LICENSE	1055	0	0	12	0	1	12	26
COMBINATION	17000	0	4	30	0	21	34	47
SUBTOTAL	18055	0	4	41	0	22	46	73
TOTAL	41805	0	65	119	0	119	184	254

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	1347	1484	1621	8792	9132	9471	8
COMBINATION	0	NO DATA						
SUBTOTAL	23750	1347	1484	1621	8792	9132	9471	8
NONRESIDENTS								
BEAR LICENSE	1055	44	81	119	479	580	680	0
COMBINATION	17000	550	607	664	4191	4343	4496	4
SUBTOTAL	18055	594	688	783	4670	4923	5176	4
TOTAL	41805	1941	2173	2404	13463	14055	14647	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	17	95	0	75	113	151
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	17	95	0	75	113	151
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	4	21	0	14	25	37
SUBTOTAL	18055	0	4	21	0	14	25	37
TOTAL	41805	0	22	117	0	89	138	188

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- HUNTERS ----- LOWER	POINT	UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	763	868	973	4952	5208	5465	6
COMBINATION	0	NO DATA						
SUBTOTAL	23750	763	868	973	4952	5208	5465	6
NONRESIDENTS								
BEAR LICENSE	1055	35	70	104	178	243	309	0
COMBINATION	17000	933	1006	1080	6950	7146	7341	5
SUBTOTAL	18055	968	1076	1184	7129	7389	7649	5
TOTAL	41805	1731	1944	2157	12081	12597	13114	5

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	------ AGE AND SEX ------- ---- FEMALE	MALE	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	23750	0	52	0	26	52	78
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	52	0	26	52	78
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	25	0	34	51	67
SUBTOTAL	18055	0	25	0	34	51	67
TOTAL	41805	0	25	78	0	61	103	145

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- HUNTERS ----- LOWER	POINT	UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	536	625	714	4182	4418	4655	11
COMBINATION	0	NO DATA						
SUBTOTAL	23750	536	625	714	4182	4418	4655	11
NONRESIDENTS								
BEAR LICENSE	1055	18	46	75	158	220	282	0
COMBINATION	17000	349	395	441	2555	2675	2794	4
SUBTOTAL	18055	367	441	516	2714	2895	3076	4
TOTAL	41805	903	1066	1229	6896	7314	7731	8

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	------ AGE AND SEX ------- ---- FEMALE	MALE	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	23750	0	26	43	0	40	69	99
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	26	43	0	40	69	99
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	13	4	0	7	17	27
SUBTOTAL	18055	0	13	4	0	7	17	27
TOTAL	41805	0	39	48	0	47	86	126

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	75	113	151	376	451	527	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	75	113	151	376	451	527	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	24	38	52	183	217	251	11
SUBTOTAL	18055	24	38	52	183	217	251	11
TOTAL	41805	99	151	203	558	668	777	3

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	MALE	UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	4	0	1	4	9
SUBTOTAL	18055	0	4	0	1	4	9
TOTAL	41805	0	4	0	1	4	9

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	1	4	9	49	68	87	0
SUBTOTAL	18055	1	4	9	49	68	87	0
TOTAL	41805	1	4	9	49	68	87	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0

FALL, 1988 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX FEMALE	AGE AND SEX MALE	AGE AND SEX UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0

FALL, 1988 BLACK BEAR HARVEST REPORT

DISTRICT XXX

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- HUNTERS ----- LOWER	POINT	UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	3	17	32	54	87	120	0
COMBINATION	0	NO DATA						
SUBTOTAL	23750	3	17	32	54	87	120	0
NONRESIDENTS								
BEAR LICENSE	1055	0	0	0	0	0	0	0
COMBINATION	17000	17	30	42	186	221	255	0
SUBTOTAL	18055	17	30	42	186	221	255	0
TOTAL	41805	20	47	74	240	308	375	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	------ AGE AND SEX ------- ---- FEMALE	MALE	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	23750	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	23750	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1055	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18055	0	0	0	0	0	0
TOTAL	41805	0	0	0	0	0	0

FALL, 1988 BLACK BEAR HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	HUNTERS LOWER	HUNTERS POINT	HUNTERS UPPER	HUNTER DAYS LOWER	HUNTER DAYS POINT	HUNTER DAYS UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	23750	3659	3880	4102	30828	31458	32088	10
COMBINATION	0	NO DATA						
SUBTOTAL	23750	3659	3880	4102	30828	31458	32088	10
NONRESIDENTS								
BEAR LICENSE	1055	199	267	335	1686	1867	2047	4
COMBINATION	17000	2510	2628	2747	21924	22269	22614	5
SUBTOTAL	18055	2708	2895	3081	23611	24136	24660	5
TOTAL	41805	6367	6775	7183	54439	55594	56749	8

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	AGE AND SEX ---- FEMALE	MALE	UNKWN	TOTAL HARVEST LOWER	TOTAL HARVEST POINT	TOTAL HARVEST UPPER
RESIDENTS							
BEAR LICENSE	23750	0	104	269	0	305	373	442
COMBINATION	0	NO DATA						
SUBTOTAL	23750	0	104	269	0	305	373	442
NONRESIDENTS								
BEAR LICENSE	1055	0	0	12	0	1	12	26
COMBINATION	17000	0	47	85	0	105	132	158
SUBTOTAL	18055	0	47	97	0	106	143	184
TOTAL	41805	0	151	366	0	411	516	626

FALCONRY & TURKEY

HUNTING & HARVEST STATISTICS

1988-89 FALCONRY SURVEY RESULTS

SURVEY	FALL	WINTER
License Holders	82	82
Surveyed	82	82
Responses	58	58
LICENSE CLASS		
Master	40 69%	38 65%
General	9 16%	9 16%
Apprentice	5 9%	5 9%
Unspecified	4 7%	6 10%
NUMBER OF RAPTORS/LICENSEE		
1 Raptors	19 33%	19 33%
2 Raptors	16 28%	16 28%
3 Raptors	5 9%	4 7%
Total	40 69%	39 67%
Number Licensees Hunting % of Raptor Holders	25 63%	20 51%
NUMBER AND SPECIES OF RAPTORS		
Species:		
Gyrfalcon	4	4
Peregrine	22	14
Merlin	2	2
Prairie	5	4
Peregrine X Prairie	8	8
Goshawk	4	6
Peregrine X Gyrfalcon	12	12
Red-tailed	2	3
Coopers	0	0
Harris	2	2
Peals X Prairie	0	0
Peregrine X Merlin	2	2
Falcon Hybrid	1	2
Ferruginous	3	3
Gyrfalcon X Prairie	1	1
Merlin X Gyrfalcon	1	1
Total	69	64

DAYS HUNTED	FALL	WINTER
Upland Game Bird	1172	942
Waterfowl	660	133
Nongame	214	145
HARVEST		
Cock Pheasant	20	28
Hen Pheasant	10	12
Total Pheasants	30	40
Hungarian Partridge	103	60
Sage Grouse	13	9
Sharptail	25	14
Total UGB:	171	123
Gadwall	11	0
Mallard	79	42
Teal	23	0
Widgeon	5	0
Hooded Merganser	1	0
Ringneck	1	0
Total Waterfowl	120	42
Ground Squirrel	23	0
Small Mammals	10	10
Cottontail Rabbit	34	27
Small Birds	31	25
Other	0	2
Total Nongame	98	64
COUNTIES HUNTED MOST		
Missoula	3	2
Fergus	5	3
Yellowstone	3	3
Cascade	2	1
Beaverhead	2	1
Park	1	0
Ravalli	0	1
Petroleum	2	0
Gallatin	2	5
Teton	2	0
Chouteau	1	0
Sweet Grass	4	0
Phillips	0	1
Stillwater	1	1

1988 Fall Season: September 1, 1988 to November 30, 1988
1989 Winter Season: December 1, 1988 to March 31, 1989

1988 TURKEY HARVEST ESTIMATES

County	SPRING SEASON Days	Hunters	Kill	Success	FALL SEASON Days	Hunters	Kill	Success
Region 1:								
Flathead (15)	195	52	37	72%	152	49	34	71%
Sanders (45)	353	89	29	32%	172	43	20	47%
Region 2:								
Missoula (32)	52	11	0	0%	0	0	0	0
Powell (39)	14	3	3	100%	0	0	0	0
Ravalli (41)	77	14	0	0%	0	0	0	0
Region 4:								
Chouteau (8)	72	26	6	22%	112	34	6	17%
Fergus (14)	1,972	692	273	39%	1,538	574	324	57%
Pondera (37)	17	6	3	50%	0	0	0	0
Region 5:								
Bighorn (2)	230	34	14	42%	396	172	129	75%
Golden Valley(19)	17	11	0	0%	72	26	11	44%
Musselshell (33)	336	112	86	77%	2,020	818	459	56%
Wheatland (54)	26	14	6	40%	0	0	0	0
Yellowstone (56)	103	34	20	58%	439	204	106	52%
Region 6:								
McCone (29)	6	3	0	0%	34	20	11	57%
Richland (42)	505	112	40	36%	548	169	75	44%
Sheridan (46)	0	0	0	0	26	17	11	67%
Valley (53)	0	0	0	0	17	9	0	0%
Region 7:								
Carter (6)	367	126	89	70%	689	250	187	75%
Custer (9)	382	138	92	67%	1,300	422	241	57%
Danials (10)	0	0	0	0	55	9	3	33%
Dawson (11)	439	132	49	37%	967	321	129	40%
Fallon (13)	255	75	37	50%	519	189	103	55%
Garfield (17)	132	40	26	64%	390	141	63	45%
Powder River (38)	651	212	103	49%	1,733	654	396	61%
Prairie (40)	69	37	29	77%	347	144	100	70%
Rosebud (44)	316	118	46	39%	1,358	451	227	50%
Treasure (52)	11	3	3	100%	164	63	46	73%
Wibaux (55)	43	20	9	43%	456	106	69	65%
Unknown	204	23	14	63%	459	106	72	68%
Statewide	6,845	2,138	1,013	47%	13,965	4,991	2,824	57%

Total Spring & Fall Turkey Licenses Sold = 9,399. Includes R & NR combined.
Note: All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals or percentages.
County codes based on alphabetical order of county names.